Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-17. (Cancelled)

18. (Currently Amended) A medical system, comprising:

a) an ambulatory medical device (MD) comprising MD electronic control circuitry that further comprises at least one MD telemetry system and at least one MD processor that controls, at least in part, operation of the MD telemetry system and operation of the medical device, wherein the medical device is configured to provide a treatment to a body of a patient or to monitor a selected state of the body; and

b) a communication device (CD) comprising CD electronic control circuitry that further comprises at least one CD telemetry system and at least one CD processor that controls, at least in part, operation of the CD telemetry system and operation of the communication device, wherein the CD telemetry system sends messages to or receives messages from the MD telemetry system,

wherein the communication device is configured to receive status information on an MD battery via telemetry from the medical device and wherein the communication device is further configured to display a log of plural battery level readings over a period of time.

19. (Original) The system of claim 18 wherein a first portion of the MD telemetry system is incorporated into the MD processor and a second portion of the MD telemetry system is external to the MD processor, or wherein a first portion of the CD telemetry system is incorporated into the CD processor and a second portion of the CD telemetry system is external to the CD processor.

20. (Original) The system of claim 18-wherein (1) the MD electronic control circuitry comprises at least one external MD functional module, other than the second portion of the MD telemetry system, that is external to the MD processor, (2) the CD electronic control circuitry comprises at least one external CD functional module, other than the second portion of the CD telemetry system, that is external to the CD processor, (3) the MD processor comprises an

internal MD CPU and at least one other internal MD functional module, or (4) the CD processor comprises an internal CD CPU and at least one other internal CD functional module.

21. (Original) The system of claim 18-wherein the medical device provides a periodic indication of the MD battery voltage when the MD battery is experiencing a current load that is closer to the minimum load during normal operation of the medical device than a maximum load during normal operation.

22. (Original) The system of claim 18 wherein the medical device provides a periodic indication of the MD battery voltage when the MD battery is experiencing a current load which is closer to the maximum load during normal operation than a minimum load during normal operation.

23. (Original) The system of claim 18 wherein the medical device provides an indication of MD battery status at least once a week.

24. (Original) The system of claim 23-wherein the medical device provides an indication of MD battery status at least once every two days.

25. (Original) The system of claim 23 wherein MD battery status is provided using both a lower current load and a higher current load at least once a week.

26. (Original) The system of claim 25 wherein MD battery status is provided using both a lower current load and a higher current load at least once a every two days.

27. (Original) The system of claim 18 wherein the MD battery is rechargeable.

28. (Original) The system of claim 18 wherein the MD battery is not rechargeable.

29. (Original) The system of claim 18 wherein the communication device provides an auditory, visual, or tactile warning when the MD battery is estimated to be capable of powering the medical device for less than a predetermined additional amount of time.

30. (Original) The system of claim 29-wherein the predetermined time is less than about six months.

31. (Original) The system of claim 30-wherein the predetermined time is less than about three months.

32. (Original) The system of claim 31-wherein the predetermined time is less than about one month.

33. (Original) The system of claim 18 wherein the medical device comprises at least one of (1) an implantable infusion pump for selectively dispensing a selected drug, (2) an implantable infusion pump for selectively dispensing insulin, (3) an implantable sensor for sensing a selected state of the body, (4) an implantable sensor for sensing glucose level, or (5) an implantable electrode for selectively stimulating a portion of the body of the patient.

34.-39. (Cancelled)

40. (Currently Amended) A method of conserving power in a medical system having an ambulatory medical device (MD), for delivering a substance to a body of a patient or for monitoring the body of the patient, with at least one MD processor ~~and at least one~~ having a plurality of MD functional ~~module~~ modules, the method comprising the steps of:

storing control data associated with a plurality of functional modules of the MD, the MD processor operable with the control data to selectively enable or disable clock signals used by at least one functional module of the plurality of functional modules in the MD;

enabling clock signals used by ~~the~~ at least one of the MD functional ~~module~~ modules when the at least one module is needed for operation of the medical device; and

disabling clock signals used by the at least one MD functional module when the module is not needed for operation of the medical device, while the clock signal for at least one other MD functional module is enabled.

41. (Currently Amended) The method of claim 40 wherein the at least one MD functional module is a synchronous serial interface module, an alarm interface module, a pump interface module, an analog-to-digital converter module, or a timer module.

42. (Currently Amended) The method of claim 41 wherein the at least one MD functional module is a telemetry module.

43. (New) The method of claim 40, wherein storing control data comprises providing a clock enable control register to which enablement and disablement settings for each of a plurality of MD functional modules are bit mapped.

44. (New) The method of claim 43, wherein the MD functional modules include at least one of a first synchronous serial port, a second synchronous serial port, an analog-to-digital converter and an infusion pump circuit.

45. (New) The system of claim 18, wherein the MD has a battery and the system is configured to provide a first voltage reading from the MD battery when the MD battery is powering a first load and to provide a second voltage reading from the MD battery when the MD battery is powering a second load that is different from the first load.

46. (New) The system of claim 45, wherein at least one of the first and second loads is provided by turning on at least one selected electrical component in the MD.

47. (New) The system of claim 18, wherein the CD comprises a display configured to show at least one of the most recently logged battery voltages and further includes a user-controlled actuator configured to cause the display to show older logged battery voltage entries upon actuation of the user-controlled actuator.